

Converting Colors

Hex(F0A000)

Have a look what the booklet for
Hex(F0A000) contains.

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Color

Hex(F0A000)

Conversions

Conversions Part 1

Format	Color
Hex	F0A000
RGB	240, 160, 0
RGB Percent	94%, 63%, 0%
CMY	0.0588, 0.3725, 1.0000
CMYK	0.00, 0.33, 1.00, 0.06
HSL	40°, 100%, 47%
HSV	40°, 100%, 94%
XYZ	48.5060, 43.6669, 5.8720
YIQ	165.6800, 99.0400, -32.8000

Conversions

Conversions Part 2

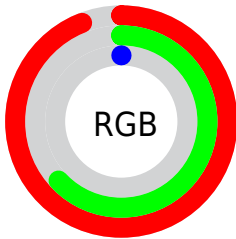
Format	Color
R_{YB}	120, 240, 0
Decimal	15769600
CIE _{Lab}	72.01, 20.23, 76.17
CIE _{LCh}	72, 78.812, 75.124
Yxy	43.6669, 0.4947, 0.4454
Android (android.graphics.Color)	4293959680 (0xFFFF0A000)
YUV	165.6800, -81.6802, 65.1786
Hunter-Lab	66.0809, 15.3844, 40.9881

Details

The Hex color **F0A000** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0050F0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD74E**, and **B26D00** is the 20% darker color. If you saturate the color by 10%, you get **F0A000**, and if you desaturate by 10%, it is **F0A818**.

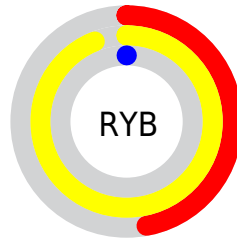
Distribution



Red (94%)

Green (63%)

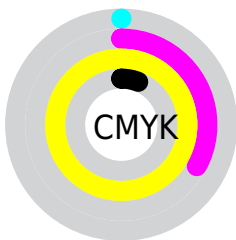
Blue (0%)



Red (47%)

Yellow (94%)

Blue (0%)

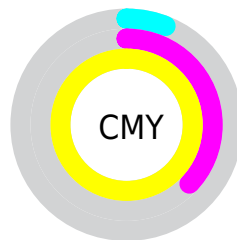


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0A000 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F0A000 by changing the saturation by 10% instead.

 F0A000

 F0A000

FFFFFF

 D18600

 FFD74E

 B26D00

 FFF36A

 945400

 FFFF86

 763D00

 FFFFA3

 592700

 FFFFBF

 3D1100

 FFFFDC

 260000

 FFFFFA

 000000

 F0A000

 F0A818

 F0B030

 F0B848

 F0C060

 F0C878

 F0D090

 F0D8A8

 F0E0C0

 F0E8D8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF814C



F0A000



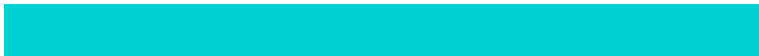
B1B800

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F0A000



00D2D4



E18CFF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F0A000



0050F0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5AACFF



F0A000



00CEFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0A000



00CF89



00C3FF



FF6DD7

Rectangle

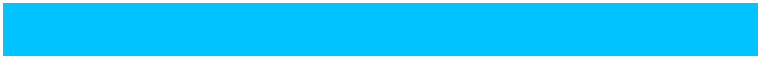
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0A000



7CC329



00C3FF



C198FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F0A000



FFE6B3



F00050



807052



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F0A000



FFAA00



C8F000



78746C



B87A00



382500

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0050F0



0055FF



2800F0



6C7078



003DB8



001338

Previews

White Background



This preview shows how the Hex color F0A000 looks on a white background.

Color Contrast Check

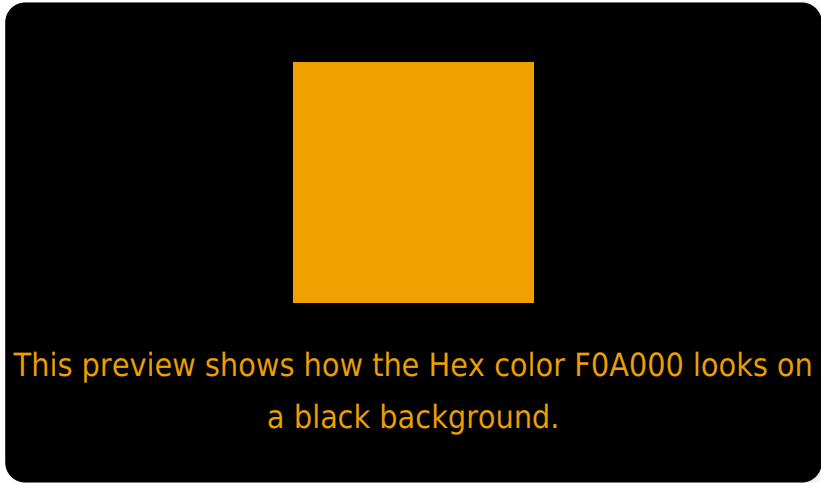
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F0A000 Background



This preview shows how black text looks on a background with the Hex color F0A000.



This preview shows how white text looks on a background with the Hex color F0A000.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
FOA000

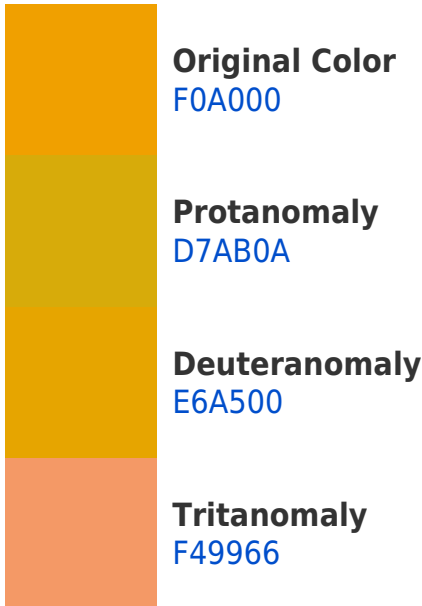
Protanopia
C8B110

Deuteranopia
EOA800



Tritanopia
F795A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0A000 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F0A000 looks like.

```
.text, #text, p{  
    color:#F0A000  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F0A000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0A000
}
```

Border

The CSS property to change the border of an element to Hex F0A000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0A000 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F0A000 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F0A000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0A000; -webkit-box-shadow:4px 4px  
4px 4px #F0A000; box-shadow:4px 4px 4px  
4px #F0A000 }
```

Background

The CSS property to change the background color of an element to Hex F0A000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0A000 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F0A000 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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